I

Rejected

Allowed

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App	licat	ion/	Con	trol	No	١.
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10081872

Examiner

Rebecca E Prouty

Applicant(s)/Patent Under Reexamination

CALLEN ET AL.

Art Unit

Cancelled	N	Non-Elected	Α	Appeal
Restricted	1	Interference	0	Objected

CL	AIM	1	DATE							
Final	Original	02/20/2003	09/19/2003	05/12/2005	11/10/2004	06/27/2005	09/18/2006	04/12/2007	11/13/2007	04/16/2008
1	1	+	·	·	·	/	1	·	/	-
15	2	+	·	1	·	-	1	-	-	=
31	3	+	·	· /		-	·	-	-	-
32	4	+	·	·	·	-	/	·	-	-
	5	+	1	1	-	-	-	-	-	-
16	6	+	·	1	/	~	/	1	·	-
	7	+	·	1	/	·	/	-	-	-
	8	+	·	·	/	/	1	-	-	
	9	+	V	·	V	·	1	-	-	-
	10	+	V	V	V	·	1	·	-	-
	11	+	V	·	V	V	·	·	-	-
	12	+	V	V	V	V	·	·	-	-
	13	+	√	·	-	-	-	-	-	-
2	14	+	V	·	0	~	1	·	V	-
18	15	+	√	·	0	~	1	·	·	-
17	16	+	V	·	V	·	1	·	·	-
22	17	+	V	·	V	·	1	·	·	-
	18	+	V	V	-	-	-	-	-	-
	19	+	V	-	-	-	-	-	-	-
	20	+	V	-	-	-	-	-	-	-
	21	+	√	-	-	-	-	-	-	-
	22	+	V	-	-	-	-	-	-	-
	23	+	V	-	-	-	-	-	-	-
	24	+	V	-	-	-	-	-	-	-
	25	+	V	-	-	-	-	-	-	-
	26	+	·	-	-	-	-	-	-	-
	27	+	·	-	-	-	-	-	-	-
	28	+	·	-	-	-	-	-	-	-
	29	+	·			-		-		-
	30	+	N	-		-	-	-	-	-
	31	+	N	-	-	-	-	-	-	-
	32	+	N	-	-	-	-	-	-	-
	33		N	-	-	-	-	-	-	-
	34	+	N	-	-	-	-	-	-	-
	35	+	N	-		-	-	-	-	-
	36	+	N					-		

Application/	Control	No.
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10081872

Examiner

Applicant(s)/Patent Under Reexamination CALLEN ET AL.

Art Unit

Rebecca E Prouty

1652

1	Rejected	-	Cancelled	N	
=	Allowed	÷	Restricted	1	Ī

N	Non-Elected
ı	Interference

Appeal Objected

CL	AIM	İ				DATE				
Final	Original	02/20/2003	09/19/2003	05/12/2005	11/10/2004	06/27/2005	09/18/2006	04/12/2007	11/13/2007	04/16/2008
	37	+	N				-	-		
	38	+	N	-		-	-	-		-
	39	+	N	-	-	-	-	-		-
	40	+	N	-			-	-	-	-
	41	+	N	-	-	-	-	-	-	-
	42	+	N	-	-	-	-	-	-	-
	43	+	N	-	-	-	-	-		-
	44	+	N	-	-	-	-	-		-
	45	+	N	-		-	-	-		-
	46	+	N	-	-	-	-	-		-
34	47	+	·	·	·	·	V	·	-	=
12	48	+	·	·	·	V	V	·	·	-
	49	+	N	-	-	-	-	-	-	-
	50	+	N	-	-	-	-	-	-	-
	51	+	N	-	-	-	-	-		-
	52	+	N	-	-	-	-	-	-	-
	53	+	N	-	-	-	-	-		-
	54	+	N	-	-	-	-	-	-	-
	55	+	N	-		-	-	-	-	-
	56	+	N	-		-	-	-		-
	57	+	N	-		-	-	-		-
	58	+	N	-		-	-	-		-
	59	+	N	-	-	-	-	-	-	-
	60	+	N	-	-	-	-	-	-	-
	61	+	N	-	-	-	-	-	-	-
	62	+	N	-	-	-	-	-	-	-
	63	+	N	-	-	-	-	-		-
	64	+	N	-	-	-	-	-		-
	65	+	N	-	-	-	-	-	-	-
	66		N	-			-	-	-	-
	67		N	-	-		-	-	-	-
	68		N	-	-	-	-	-	-	-
	69	+	N	-	-	-	-	-	-	-
	70	+	N	-	-	-	-	-	-	-
	71	+	N	-	-	-	-	-	-	-
	72		N				-			

App	licat	ion/	Con	trol	No	١.
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10081872

Examiner

Rebecca E Prouty

Applicant(s)/Patent Under Reexamination

CALLEN ET AL.

Art Unit

Rejected		Cancelled	N	Non-Elected	Α	Appeal
Allowed	-	Restricted	1	Interference	0	Objected

CL	AIM	1	DATE								
Final	Original	02/20/2003	09/19/2003	05/12/2005	11/10/2004	06/27/2005	09/18/2006	04/12/2007	11/13/2007	04/16/200	
	73	+	N			-					
	74	+	·	N	N	N	N	N	N	-	
5	75	+	·	·	·	V	V	·	·	-	
6	76	+	·	·	·	V	V	·	· ·	-	
	77	+	1	1	√	✓	·	·	-	-	
	78	+	1	1	√	√	·	·	-	-	
	79	+	·	1	√	√	·	·		-	
	80	+	·	1	√	V	V	·	-	-	
	81	+	·	·	-	-	-	-	-	-	
	82	+	·	·	-	-	-	-	-	-	
	83	+	·	·	-	-	-	-	-	-	
	84	+	·	·	√	V	V	·		-	
	85	+	√	·	√	✓	✓	·			
	86	+	V	·	V	✓	1	V		-	
	87	+	V	·	-	-	-	-	-	-	
7	88	+	V	·	V	V	V	·	/	-	
8	89	+	V	·	·	V	·	✓	·	-	
	90	+	·	-	-	-	-	-	-	-	
	91	+	·	-		-	-	-	-	-	
	92	+	V	·	V	V	V	·	·	-	
	93	+	N	·	V	✓	-	-		-	
	94	+	N	-		-		-	-	-	
	95	+	N	-	-	-	-	-		-	
	96	+	N	-		-		-	-	-	
	97	+	N	-	-	-	-	-		-	
	98	+	N	-	-	-	-	-	-	-	
	99	+	N	-		-				-	
	100		N	-		-					
	101		·								
23	102		1	1	1	1	1	1	0	-	
26	103		1	1	1	√	·	1	/	-	
25	104	+	-	1	1	√	·	1	0	-	
24	105	+	-	1	1	·	·	1	-	-	
28	106	+	1	1	·	✓	V	1	1	-	
27	107	+	N	1	/	/	1	1	/	-	
	108		N	N	N	N	N	N	N		



Rejected

App	lica	tion/	Cont	rol	No.
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10081872

CALLEN ET AL.

Non-Elected

Examiner

Cancelled

Art Unit

Applicant(s)/Patent Under Reexamination

Α

Appeal

Rebecca E Prouty

1652

=	Δ	llowed		÷	Res	tricted	1	Interf	erence	0	Obje	cted
	Claims r	enumbered	in the s	ame	order as pr	esented by a	applicant		□ СРА	□ т.г	D. 🗆	R.1.47
	CLAIM DATE											
F	inal	Original	02/20/2	2003	09/19/2003	05/12/2005	11/10/2004	06/27/2005	09/18/2006	04/12/2007	11/13/2007	04/16/2008
		109	+		N				-	-		
		110	+		N	-		-	-	-	-	-
		111	+		N	-			-	-	-	-
		112	+		N	N	N	N	N	N	N	-
		113	+		N	N	N	N	N	N	N	-
		114	+		N	N	N	N	N	N	N	-
		115	+		N	N	N	N	N	N	N	
		116	+		N	N	N	N	N	N	N	
		117	+		N	-	-	-		-	-	
		118	+		N	N	N	N	N	N	N	
		119	+		N	N	N	N	N	N	N	
		120	+		N	N	N	N	N	N	N	
		121				N	N	N	N	N	N	-
	36	122					✓	✓	/	✓	-	-
		123					✓	✓	/	√	-	
	35	124					√	~	1	·	· ·	=
		125						~	/	·	-	-
		126						~	~	·	-	-
		127						~	~	·	-	-
		128						~	~	·	-	-
		129						~	~	·	-	-
	13	130						✓	~	·	·	-
	29	131						~	~	·	-	-
		132						·	/	·	·	-
		133						·	~	·	· ·	-
	3	134								·		=

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19

135

140 141

142 143

144

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App	licat	ion/	Con	trol	No	١.
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10081872

Applicant(s)/Patent Under Reexamination CALLEN ET AL.

Art Unit

Examiner

Rebecca E Prouty

1652

✓	Rejected
=	Allowed

-	Cancelled			
÷	Restricted			

	N	Non-Elected
	1	Interference

Α	Appeal
0	Objected

CL	AIM	1				DATE				
Final	Original	02/20/2003	09/19/2003	05/12/2005	11/10/2004	06/27/2005	09/18/2006	04/12/2007	11/13/2007	04/16/200
20	145						√	·	-	-
21	146						✓	·	-	=
30	147						N	N	N	-
	148						N	N	N	-
	149						N	N	N	-
	150						N	N	N	-
	151						N	N	N	-
	152						N	N	N	-
	153						N	N	N	-
	154						N	N	N	-
	155						N	N	N	-
	156						N	N	N	-
	157						N	N	N	-
	158						N	N	N	-
	159						N	N	N	-
	160						N	N	N	-
	161						N	N	N	-
	162						N	N	N	-
	163						N	N	N	-
	164						N	N	N	-
	165						N	N	N	-
	166						N	N	N	-
	167							√	-	-
	168							V		-
	169							V	-	-
	170							·	-	-
	171							·		-
	172							·	-	-
	173							·	-	-
	174							1	-	-
	175							1	-	-
14	176								N	-
	177								N	-
	178								N	-
	179								N	-
	180								N	



10081872

Applicant(s)/Patent Under Reexamination CALLEN ET AL.

Art Unit

Examiner

Rebecca E Prouty

1652

✓	Rejected
=	Allowed

	-	Cancelled
	÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal				
0	Objected				

CL	AIM					DATE				
Final	Original	02/20/2003	09/19/2003	05/12/2005	11/10/2004	06/27/2005	09/18/2006	04/12/2007	11/13/2007	04/16/2008
	181								N	-
	182								N	-
	183								N	-
	184								N	-
	185								N	-
	186								N	
	187								N	
	188								N	-
	189								N	-
	190								N	-
	191								N	-
	192								N	-
	193								N	-
	194								N	-
	195								N	-
	196								N	-
	197								N	-
	198								N	-
	199								N	-
	200								N	-
	201								N	
	202								N	-
	203								N	-
	204								N	-
	205								N	-
	206								N	-
	207								N	
	208								N	-
	209								N	-
	210								N	-
	211								N	-
	212								N	-
	213								N	-
	214								N	-
	215								N	-
	216								N	

Appl	icati	ion/0	Conf	trol	No.

10081872

Applicant(s)/Patent Under Reexamination CALLEN ET AL.

Art Unit

Examiner

Rebecca E Prouty

1652

~	Rejected
-	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

Claims		1								
CL	AIM					DATE				
Final	Original	02/20/2003	09/19/2003	05/12/2005	11/10/2004	06/27/2005	09/18/2006	04/12/2007	11/13/2007	04/16/200
	217								N	-
	218								N	-
	219								N	-
	220								N	-
	221								N	-
	222								N	-
	223								N	-
	224								N	-
	225								N	-
33	226								N	-
	227								N	-
	228								N	-
	229								N	-
	230								N	
	231								N	-
	232								N	-
	233								N	-
	234								N	-
	235								N	-
	236								N	-
	237								N	-
	238								N	-
	239								N	-
	240								-	-
	241								-	-
	242								/	

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